

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A composition comprising astaxanthin, wherein the composition is a nutritionally balanced pet food composition adapted for use by a companion animal, and wherein said composition ~~may~~ attenuates inflammation, enhances immune response, enhances longevity, or combinations thereof; wherein said composition is selected from the group consisting of dog food compositions, cat food compositions and combinations thereof ~~and wherein said companion animal is selected from the group consisting of dogs and cats;~~

~~wherein said composition is nutritionally balanced dog composition or cat composition.~~

2. (Previously Presented) The composition according to Claim 1 comprising of about 0.0001% to about 3% of astaxanthin, by weight of the composition.

3. (Cancelled)

4. (Previously Presented) The composition according to Claim 3 comprising of about 0.0001% to about 2% of astaxanthin, by weight of the composition.

5. (Cancelled)

6. (Previously Presented) The composition according to Claim 4 comprising of about 0.001% to about 1% of astaxanthin, by weight of the composition.

7. (Previously Presented) The composition according to Claim 6 comprising of about 0.001% to about 0.5% of astaxanthin, by weight of the composition.

8. (Original) The composition according to Claim 2 wherein the composition is a supplement.

9. (Previously Presented) The composition according to Claim 8 comprising of about 0.0001% to about 2% of astaxanthin, by weight of the composition.

10. (Withdrawn) A method selected from the group consisting of attenuating inflammation, enhancing immunity, enhancing longevity, and combinations thereof,

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comprising administering to a companion animal a composition comprising an effective amount of astaxanthin.

11. (Withdrawn) The method according to Claim 10 comprising administering to the companion animal from about 0.001 mg to about 40 mg, daily, of astaxanthin to the companion animal.

12. (Withdrawn) The method according to Claim 11 wherein the immune response is a cell-mediated immune response.

13. (Withdrawn) The method according to Claim 11 wherein the immune response is a humoral immune response.

14. (Withdrawn) The method according to Claim 11 wherein the companion animal is a domestic dog.

15. (Withdrawn) The method according to Claim 14 wherein from about 1 mg to about 40 mg, daily, of astaxanthin is administered to the domestic dog.

16. (Withdrawn) The method according to Claim 11 wherein the companion animal is a domestic cat.

17. (Withdrawn) The method according to Claim 16 wherein from about 0.001 mg to about 10 mg, daily, of astaxanthin is administered to the domestic cat.